



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/648,229	08/27/2003	Chung-Hui Chen	26035-US-PA	4340

31561 7590 03/26/2008
JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE
7 FLOOR-1, NO. 100
ROOSEVELT ROAD, SECTION 2
TAIPEI, 100
TAIWAN

EXAMINER

SEYE, ABDOU K

ART UNIT	PAPER NUMBER
----------	--------------

2194

NOTIFICATION DATE	DELIVERY MODE
-------------------	---------------

03/26/2008

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

USA@JCIPGROUP.COM.TW

Office Action Summary

Application No.

10/648,229

Applicant(s)

CHEN ET AL.

Examiner

Abdou Karim Seye

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period **will** apply and **will** expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply **will**, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11/07/2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date: _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Argument

1. Claims 1-8 are pending in this application.

Claim Objections

2. Claim 1 is objected to because of the following informalities: the claimed element “rang” (line16) should be “range” and the claimed element “drive” (line 22) should be “driver”. Appropriate correction is required.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103 (a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 1-8 are rejected under 35 U.S.C. 103 (a) as being unpatentable over **Kita et al. (US 20030054821)** in view of **Hasegawa (US 20030074592)**.

Art Unit: 2195

As per Claims 1 and 6, Kita teaches the invention substantially as claimed including a control method for setting up operation time of a wireless connection device, which is applied to a computer device comprising said wireless connection device and a driver program, wherein said driver program has a detection control software for setting a detection operation time of said wireless connection device the control method comprising:

enabling the driver program to activate said wireless connection device to detect within a limit distance of searching range and search for any wireless electronic device for online connection, and when the internal clock of said computer device reaches the end of the interval time according to this predetermined detection operation time (FIG. 3; paragraph 66-67; FIG. 5; paragraph 84-85)

enabling the drive program to shut down said wireless connection device (FIG. 7; paragraph 109-111).

However, Kita does not explicitly teach, an internal clock of said computer device using a START time or an END time which is controlled by the device to perform detection operation.

Whereas, in the same field of endeavor Hasegawa discloses determining whether an internal clock of said computer device reaches a START time or an END time of said detection operation time when the computer device is booted and then turning on or turning off said wireless connection device according to the result of the determining, wherein the internal clock of said computer device reaches said START

Art Unit: 2195

time of the detection operation time according to a predetermined value of the detection operation time (FIG. 3; FIG 4A-B; and FIG. 5; paragraph 45-47 and paragraph 50-56).

It would be obvious to a person of ordinary skill in the art at the time the invention was made to modify Kita's invention with Hasagawa's invention to include a predetermined time scheduler/clock process for determining start time and end time of a computer device and turning on or off a wireless connection according to the result of the determining. One would be motivated to provide such scheduler/clock software program in order to allow synchronization of computer elements connected to local area network (Hasegawa's; paragraph 65).

As to claim 2, determining whether or not said wireless connection device being is connectible to any wireless electronic device; and when said wireless connection device is not connectible to any wireless electronic device, determining whether or not the internal clock of said computer device reaches the END time and enabling said driver to shut down said wireless connection device when the internal clock of said computer device reaches the END time.

As to claim3 , Hasegawa teaches, wherein when said internal clock of said computer device has not reached the START time, said detection control software will repeatedly determine whether or not the internal clock of said computer device has reached the

Art Unit: 2195

START time until the internal clock of said computer has reached the STAR time (FIG. 10; paragraph 96).

As to claim 5, Hasegawa teaches wherein when said internal clock of the computer device has not reached the END time, said detection control software will repeatedly determine whether or not said internal clock of the computer device has reached the END time until said internal clock of the computer device has reached the END time (FIG 10; paragraph 97).

As to Claims 4, 7 and 8, they are rejected for the same reasons as the claims above.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to the applicant's disclosure.

Tanaka et al. (20040259642) discloses a game system, game apparatus, storage medium storing game program and game data exchange method.

Kato (20020037713) discloses a service searching system.

Art Unit: 2195

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Exr. Abdou Seye whose telephone number is (571) 270-1062. The examiner can normally be reached Monday through Friday from 7:30 a.m. to 4:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, contact the examiner's supervisor, An Meng at (571) 272-3756. The fax phone number for formal or official faxes to Technology Center 3600 is (571) 273-8300. Draft or informal faxes, which will not be entered in the application, may be submitted directly to the examiner at (571) 273-6722.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group Receptionist whose telephone number is (571) 272-3600.

/Meng-Ai An/

Supervisory Patent Examiner, Art Unit 2195

AKS
March 11, 2008